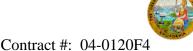
#### DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES Office of Structural Materials

Quality Assurance and Source Inspection

Bay Area Branch 690 Walnut Ave.St. 150 Vallejo, CA 94592-1133 (707) 649-5453 (707) 649-5493



Cty: SF/ALA Rte: 80 PM: 13.2/13.9

File #: 69.28

### WELDING INSPECTION REPORT

Resident Engineer: Pursell, Gary **Report No:** WIR-003868 Address: 333 Burma Road **Date Inspected:** 05-Sep-2008

City: Oakland, CA 94607

**OSM Arrival Time:** 1430 **Project Name:** SAS Superstructure **OSM Departure Time:** 2000 Prime Contractor: American Bridge/Fluor Enterprises, a JV

**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China

**CWI Name: CWI Present:** Yes NA No **Inspected CWI report:** Yes N/A **Rod Oven in Use:** Yes No No N/A N/A **Electrode to specification:** Yes No Weld Procedures Followed: Yes No N/A N/A **Qualified Welders:** Yes No **Verified Joint Fit-up:** Yes No N/A N/A N/A **Approved Drawings:** Yes No Approved WPS: Yes No Yes N/A **Delayed / Cancelled:** No

34-0006 **Bridge No: Component:** OBG Deck & Edge Plates

### **Summary of Items Observed:**

Caltrans Quality Assurance (QA) Inspector, Mike Hasler was present to observe the fitup, welding and related activities associated with the fabricating of Caltrans Orthotropic Box Girder (OBG) and Tower, for the San Francisco Oakland Bay Self Anchored Suspension Bridge, at Zhenhua Port Machinery Company (ZPMC) facility on Changxing Island.

WBS Item Description Dwg No. **Status** OA-MT Deck & Edge Plates NA NA

Bay 4: Caltrans QA inspector performed magnetic particle testing (MT) per ZPMC notification of witness inspection document dated September 05, 2008, document number 00981. The subassemblies were identified as OBG deck plate DP637-001, DP735-001 and edge plate EP101-001. Caltrans OA inspector observed that the welds for the subassemblies were MT and accepted by ZPMC Quality Control (QC) inspector, Mr. Xu Hai and Mr. Zhou Dong Yun, dated 09-05-08 on the subassemblies. See Caltrans Magnetic Particle Test Report (TL-6028) dated September 05, 2008 for additional information. The following digital pictures illustrate subassembly EP101-001 MT inspection.

# WELDING INSPECTION REPORT

(Continued Page 2 of 2)





## **Summary of Conversations:**

As identified within the contents of this report.

### **Comments**

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Ady Velasco 138-1694-2685, who represents the Office of Structural Materials for your project.

<b>Inspected By:</b>	Hasler,Mike	Quality Assurance Inspector
Reviewed By:	Cuellar,Robert	QA Reviewer